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PTO/SB/50 (4/98)  
Approved for use through 09/30/2000. OMB 0651-0033  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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## REISSUE PATENT APPLICATION TRANSMITTAL

Address to:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

Attorney Docket No.	4764
First Named Inventor	Dan Meisburger
Original Patent Number	5,717,204
Original Patent Issue Date (Month/Day/Year)	February 10, 1998
Express Mail Label No.	EL417726314US

### APPLICATION FOR REISSUE OF:

(check applicable box)



Utility Patent



Design Patent



Plant Patent

### APPLICATION ELEMENTS

1. ☒ \* Fee Transmittal Form (PTO/SB/56)  
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification and Claims (amended, if appropriate)
3. ☒ Drawing(s) (proposed amendments, if appropriate)
4. ☒ Reissue Oath / Declaration (original or copy)  
(37 C.F.R. § 1.175)(PTO/SB/51 or 52)
5. Original U.S. Patent  
☒ Offer to Surrender Original Patent (37 C.F.R. § 1.178)  
(PTO/SB/53 or PTO/SB/54)  
or  
☐ Ribboned Original Patent Grant  
☐ Affidavit / Declaration of Loss (PTO/SB/55)
6. Original U.S. Patent currently assigned?  
☒ Yes ☐ No  
(If Yes, check applicable box(es))  
☐ Written Consent of all Assignees (PTO/SB/53 or 54)  
☒ 37 C.F.R. § 3.73(b) Statement ☐ Power of Attorney

### ACCOMPANYING APPLICATION PARTS

7. ☐ Foreign Priority Claim (35 U.S.C. 119)  
(if applicable)
8. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
9. ☐ English Translation of Reissue Oath/Declaration  
(if applicable)
10. ☐ \* Small Entity Statement filed in prior application, Status still proper and desired (PTO/SB/09-12)
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
13. ☒ Other: **Request to Transfer Drawings  
Copy of original patent  
Communication to the Examiner**

\* NOTE FOR ITEMS 1 & 10: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

### 14. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

Name	Trinidad Arriola-Kern Fenwick & West LLP				
Address	Two Palo Alto Square				
City	Palo Alto	State	California	Zip Code	94306
Country	U.S.A.	Telephone	650/858-7666	Fax	650/494-1417

NAME (Print/Type)	Trinidad Arriola-Kern	Registration No. (Attorney/Agent)	44,012
Signature	<i>Trinidad Arriola-Kern</i>	Date	Feb. 10, 2000

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

<b>REISSUE APPLICATION FEE TRANSMITTAL FORM</b>						Docket Number (Optional) <b>4764</b>		
Claims as Filed - Part 1								
Claims in Patent	For	Number Filed in Reissue Application	(3) Number Extra	Small Entity		Other than a Small Entity		
				Rate	Fee	Rate	Fee	
(A) <b>8</b>	Total Claims (37 CFR 1.16(j))	(B) <b>43</b>	**** <b>23</b> =	x \$	=	or	x \$ <b>18</b> = <b>414</b>	
(C) <b>2</b>	Independent Claims (37 CFR 1.16(i))	(D) <b>6</b>	* <b>3</b> =	x \$	=		x \$ <b>78</b> = <b>234</b>	
Basic Fee (37 CFR 1.16(h))					\$		\$ <b>690</b>	
Total Filing Fee					\$	OR	\$ <b>1,338</b>	
Claims as Amended - Part 2								
	(1) Claims Remaining After Amendment		(2) Highest Number Previously Paid For	(3) Extra Claims Present	Small Entity		Other than a Small Entity	
					Rate	Fee	Rate	Fee
Total Claims (37 CFR 1.16(j))	***	MINUS	**	=	x \$	=	or	x \$ =
Independent Claims (37 CFR 1.16(i))	***	MINUS	*****	=	x \$	=		x \$ =
Total Additional Fee					\$	OR	\$	

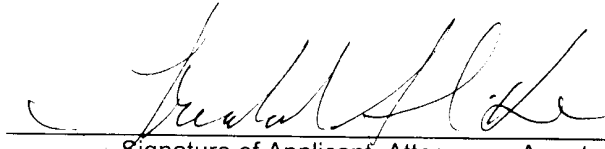
\* If the entry in (D) is less than the entry in (C), Write "0" in column 3.  
 \*\* If the "Highest Number of Total Claims Previously Paid For" is less than 20, Write "20" in this space.  
 \*\*\* After any cancellation of claims  
 \*\*\*\* If "A" is greater than 20, use (B - A); if "A" is 20 or less, use (B - 20).  
 \*\*\*\*\* "Highest Number of Independent Claims Previously Paid For" or Number of Independent Claims in Patent (C).

☐ Please charge Deposit Account No. \_\_\_\_\_ in the amount of \_\_\_\_\_.  
 A duplicate copy of this sheet is enclosed.

☒ The Commissioner is hereby authorized to charge any additional fees under 37 CFR 1.16 or 1.17 which may be required, or credit any overpayment to Deposit Account No. 19-2555.  
 A duplicate copy of this sheet is enclosed.

☒ A check in the amount of \$ 1,338 to cover the filing / additional fee is enclosed.

Feb. 10, 2000  
Date

  
 \_\_\_\_\_  
 Signature of Applicant, Attorney or Agent of Record

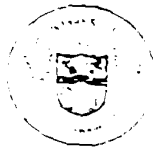
**Trinidad Arriola-Kern, Reg. No. 44,012**  
 Typed or printed name

State of Delaware  
Office of the Secretary of State

PAGE 1

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE RESTATED CERTIFICATE OF "KLA INSTRUMENTS CORPORATION", CHANGING ITS NAME FROM "KLA INSTRUMENTS CORPORATION" TO "KLA-TENCOR CORPORATION", FILED IN THIS OFFICE ON THE THIRTIETH DAY OF APRIL, A.D. 1997, AT 1:45 O'CLOCK P.M.

jc135 U.S. PTO  
09/502120  
02/10/00



Edward J. Freel, Secretary of State

AUTHENTICATION

DATE

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Received 02-08-2000 06:07pm

From-408 875 2002

To-FENWICK &amp; WEST

Page 002

IN THE UNITED STATES

PATENT AND TRADEMARK OFFICE

PATENTEES: Dan Meisburger, Alan D. Brodie, Zhong-Wei Chen,  
Jack Y. Jau  
PATENT NO.: 5,717,204  
ISSUED: February 10, 1998  
TITLE: *INSPECTING OPTICAL MASKS WITH ELECTRON  
BEAM MICROSCOPY*  
SERIAL NO.: 606,854  
FILING DATE: February 26, 1996  
ATTY. DKT. NO.: 4764

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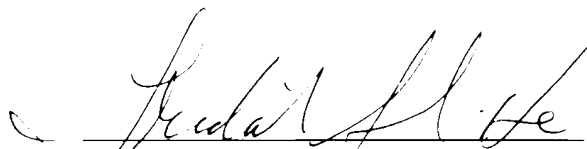
ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

REQUEST TO TRANSFER DRAWINGS

Sir:

Please transfer all drawings from the original Patent No. 5,717,204 to  
this Reissue Application.

Respectfully submitted,  
Dan Meisburger, Alan D. Brodie, Zhong-  
Wei Chen, Jack Y. Jau



Trinidad Arriola-Kern, Reg. No. 44,012  
Fenwick & West LLP  
Two Palo Alto Square  
Palo Alto, CA 94306

**IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE**

PATENTEE: Dan Meisburger, Alan D. Brodie, Zhong-Wei Chen, Jack Y. Jau  
PATENT NO.: 5,717,204  
ISSUED: February 10, 1998  
TITLE: *INSPECTING OPTICAL MASKS WITH ELECTRON BEAM  
MICROSCOPY*  
SERIAL NO.: 606,854  
FILING DATE: February 26, 1996  
ATTY. DKT. NO.: 4764

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ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

COMMUNICATION TO THE EXAMINER

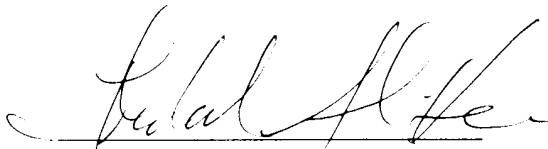
Sir:

Applicants would like to inform the Examiner that this case is related to a second divisional reissue application filed for the above-referenced patent which was filed on February 10, 2000.

Applicants would like to inform the Examiner that the claims added in this Reissue Application for the above-referenced patent were copied from European Patent Applications Nos. EP0892275 (corresponding to pending U.S. Patent application Serial No. 08/892,734 entitled "Method and Apparatus for Testing Semiconductor and Integrated Circuit Structures," and filed July 15, 1997) and EP0853243 (corresponding to pending U.S. Patent

application Serial No. 08/782,740 entitled "Method and Apparatus for Detecting Defects in Wafers," and filed January 13, 1997).

Respectfully submitted,  
Dan Meisburger, Alan D. Brodie, Zhong-Wei Chen, Jack Y. Jau

A handwritten signature in cursive script, appearing to read "Trinidad Arriola-Kern", written over a horizontal line.

Trinidad Arriola-Kern, Reg. No. 44,012  
Fenwick & West LLP  
Two Palo Alto Square  
Palo Alto, CA 94306

(FACE)

135 U.S. PTO

POSITION	INITIALS	ID NO	DATE
FEE DETERMINATION	RR	70029	3/31
O.I.F.E. CLASSIFIER			
FORMALITY REVIEW			

### INDEX OF CLAIMS

✓ Rejected  
 = Allowed  
 - (Through numeral) Canceled  
 + Restricted  
 N Non-elected  
 I Interference  
 A Appeal  
 O Objected

Claim	Date
Final	
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If more than 150 claims or 10 actions  
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